

ABSTRACT OF THE DISCLOSURE

A self-heat-conductive heat dissipating module that includes a plurality of heatsinks which are overlapped, but are mechanically separated and discontinuous at a contact interface. The module includes at least one heat convection superconductive tube containing a high temperature superconductor composite, and at least one heat dissipating fan. Mechanical separation between connected heatsinks and discontinuity in the contact interface between heatsinks improves heat dissipation by the heatsink. The fins of contacting heatsinks can be arranged alternately to increase heat dissipating efficiency. A plurality of heatsink sets can be assembled together to form a composite self-heat-conductive heat dissipating module.